

PROJECT DESCRIPTION

I. General

This project involves the modification of an existing traffic signal with interconnect at the intersection of MD 5 (Branch Ave at MD 458 (Silver Hill Road) / Iverson Street in Prince George's County, Maryland. MD 5 is assumed to run in a north / south direction.

II. Intersection Operation

No change to the existing traffic signal operation is required.

III. Special Notes

1.) Maintenance of traffic will be handled by the contractor utilizing the following standard plates for traffic control: 104.00 - 104.00-30, 104.32-02, 104.33-02, 104.38-02, 104.39-02, 104.40-02, 104.41-02, 104.44-02, 104.45-02, 104.48-02.

2.) The following are SHA District 3 Contact persons:

Mr. Richard L. Daff, Sr.
Chief, Traffic Operations
Division (410) 787-7630

Mr. Charles Watkins
District Engineer
(301) 513-7311

Mr. Majib Shakib
Asst. District Engineer -
Traffic
(301) 513-7358

Mr. Randy Brown
Asst. District Engineer -
Maintenance
(301) 513-7304

Mr. Augustine Rebish
District Engineer- Utility
(301) 513-7350

EQUIPMENT LIST

A. Equipment to be supplied by the Administration

Item No.	Quantity	Units	Specification Section	Description
7	EA	814		12 in. 1 way 3 section (RA,YA,GA) polycarbonate signal head - span mount.
2	EA	814		Install 12 in. Two-way 2 section pedestrian signal head pedestal pole mount
2	EA	817		Pedestrian pushbutton and R10-3c sign

EQUIPMENT LIST CONT.

B. Equipment to be furnished and/or installed by the Contractor.

Item No.	Quantity	Units	Specification Section	Description
2	CY	205		Test pit excavation
1370	LF	555		12 in. white, reflective thermoplastic pavement marking
160	LF	555		24 in. white, reflective thermoplastic pavement marking
1.5	CY	801		Furnish and install concrete for signal foundation.
2	EA	804		Furnish and install ground rod - 3/4 in. diameter x 10 ft.
20	LF	805		Furnish and install 4 in. schedule 80 rigid PVC conduit - Trenched.
280	LF	805		Furnish and install 3 in. schedule 80 rigid PVC conduit - bored.
550	LF	805		Furnish and install 2 in. schedule 80 rigid PVC conduit - Trenched.
60	LF	805		Furnish and install 1 in. liquid tight flexible non-metallic conduit for detector wire sleeve.
120	LF	805		Furnish and install 1 in. electrical conduit - galvanized sleeve
370	LF	810		Furnish and install No. 6 AWG standard bare copper ground wire.
4600	LF	810		Furnish and install electrical cable - 2 conductor (Aluminum shielded).
2160	LF	810		Furnish and install electrical cable - 7 conductor (No. 14 AWG).
5730	LF	810		Furnish and install loop wire encased in flexible tubing (No. 14 AWG).
6	EA	811		Furnish and install electrical handhole.
11	EA	814		Install signal head - any type.
1450	LF	815		Furnish and install saw cut for signal.
LS	LS	xxx		Removal and disposal of existing materials.
2	EA	818		Furnish and install 10 ft. pedestal pole
2	EA	818		Furnish and install breakaway base support system.
2	EA	xxx		Install pushbutton and sign.

REVISIONS	APPROVALS
	ASST. DIVISION CHIEF, TEDD
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 5 (BRANCH AVE) @ MD 458 /IVERSON ST
GENERAL INFORMATION SHEET 2 OF 2

LOGMILE #: 16000514.10

DATE / /

DRAWN BY: DCI
CHECK BY: DP/DCI
SCALE: Bruce Thompson
8-28-98

F.A.P. NO.
S.H.A. NO.
COUNTY

P-388-000-385
PRINCE GEORGE'S

PLAN
SHEET NO.:
TS-91GI
OF